

Title (en)

Method for enhancing the decodability of label information from scans of label data

Title (de)

SYSTEM UND VERFAHREN ZUR REKONSTRUKTION STRICHKODierter ETIKETTEN

Title (fr)

SYSTEME ET TECHNIQUES DE RECONSTITUTION DES ETIQUETTES DE CODES A BARRES

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Application

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- US 39433999 A 19990913

Abstract (en)

A variety of complementary methodologies may be selectively and systematically employed and are capable of reconstructing label information, such as undecodable characters or elements, where label (95) defects may prevent decoding. Such methodologies include reconstruction from partial information (Figure 2), use of edge strength indicators (Figure 4), decoding techniques based on aggressiveness, and learning mode for aggressiveness level. Distortion of label information due to mechanical aspects of the scanning mechanism may be corrected and feedback from decoding may be used to adapt various signal processing parameters, such as gain and threshold. Decoding of a digital representation of an input signal may be attempted at first with decoding of the part or all of analog signal being undertaken only after a number of attempts at the digital signal prove unsuccessful.

IPC 8 full level

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